## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION            | INITIALS | ID NO. | DATE |          |  |  |  |
|---------------------|----------|--------|------|----------|--|--|--|
| FEE DETERMINATION   | W        | 753 f  |      | 09-22-79 |  |  |  |
| O.I.P.E. CLASSIFIER | 1        |        | 47   | 9/20/11  |  |  |  |
| FORMALITY REVIEW    | OMIC     | Gellag |      | 9.30.99  |  |  |  |
|                     |          | - //   |      | 11-12 23 |  |  |  |

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|   | Rejected                   |   | Non-elected Interference |
|---|----------------------------|---|--------------------------|
|   | (Through numeral) Canceled | Α | Appeal                   |
| _ | Restricted                 | 0 | Objected                 |

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| 6 | Cla  | im       |            |           |  |                    |          | Claim        |        |        |         |        |          |      |          |   |          |
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|   |      | 1        |            |           |  |                    |          | L            | L      | 퇶      | ╀       | 4      | _        | ŀ    |          | 1   | ŀ        |
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| L | _    | 4        | _          | <u> </u>  | ┝  |                    |          | ⊢            | -      | ╁      | +       | +      |          | - }- | _        | 54<br>55  | ł        |
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| ┝ | _    | ę        | ┝          | ┝         |  | ⊢                  | -        | ┝            | ⊢      | ╁      | +       | +      | $\dashv$ | ŀ    | _        | 160   | ł        |
| ŀ | -    | В        | ┝          | ⊢         | -  | ⊢                  | H        | ╁            | t      | ╁      | ╁       | +      | ┪        | H    |          | 15B   | ł        |
| ŀ |      |          | ┢          | $\vdash$  | <del>                                     </del> | ┢                  | ┢        | ╁╴           | t      | t      | +       | +      | ┪        | f    |          | 59<br>60<br>61  | t        |
| l |      | 10       | Т          |           | Ι-   |                    | Г        | †-           | T      | T      | 1       | 7      | ヿ        | Ī    |          | 60  | Ī        |
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| l | _    | .13      | Π          | П         |  | Π                  |          |              | L      | I      | $\perp$ | $\bot$ |          | Į    |          | 4   | 1        |
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| Ĺ |      | 15       | Щ          | $\sqcup$  | L  | Ц                  | Ļ_       | L            | ļ.,    | ╀      | 4       | 4      | 4        | -    |          | 62 64 65 66 67 68 68 72 67 72 72 72 72 72 72 72 72 72 72 72 72 72 | 4        |
| ŀ |      | 16       | Щ          | Н         | -  | 1                  | <u> </u> | ↓_           | ╀      | ╀      | 4       | 4      | _        | - }  | _        | 180   | 4        |
| ŀ | _    | 17       | #          | 14        | ⊢  | -\                 | ┞        | ╄            | ╀      | ╀      | +       | 4      | {        | ŀ    |          | 3   | J        |
| ŀ |      | 18       |            | ₩         | H  | Н                  | ├-       | ╀            | ╀      | ╁      | +       | ┥      | ᅥ        | }    | _        | 끊   | 4        |
| ŀ | _    | 19       | -          | ╂         | ╁╌┤  | Н                  | -        | ╁            | +      | ╀      | +       | +      | $\dashv$ | ŀ    |          | 1   | d        |
| ŀ | _    | 20       |            | ₩         | ╀  | $\vdash$           | ⊢        | ╀            | ╄      | +      | +       | -      | 긕        | - 1  |          | 9   | 7        |
| ŀ |      | 21<br>22 |            | ╁         | H  | Н                  | -        | +            | ╁      | ╁      | +       | ┪      | $\dashv$ |      |          | 긡   | ,        |
| ŀ |      | 23       |            | ₩         | +  | Н                  | ╁        | ╁            | ╁      | ╁      | $^{+}$  | ┪      | ᅱ        | ł    | _        | d   | ì        |
| ł |      | 24       | 团          | ++        | 12   | ┿                  | ╁        | t            | $^{+}$ | 十      | +       | ┪      |          |      |          | 17  | 1        |
| ł |      | 7. (e)   | H          | ╫╴        | H  | 十                  | †-       | t            | $^{+}$ | +      | +       | ┪      | ╡        |      |          | 1   | 5        |
| ŀ |      | 极        | 廿          | 1/        | Ħ  | T                  | T        | †            | 1      | 1      | 1       |        | $\Box$   |      |          | 17  | ;        |
| Ì |      | 27       | <b>'</b>   | ╫         | $\sqcap$   |                    | T        | Τ            | 1      | T      | 1       |        |          |      |          | 7   | 7        |
| Ì |      | 28       | T          | 1         | П  | 1                  |          | Τ            |        |        |         |        |          |      |          | 7   | 3        |
| ĺ | _    | 28       |            |           | П  | Γ                  | L        |              | Ι      |        |         |        |          |      | _        | Z.  | 2        |
|   |      | 130      |            |           | П  | L                  | L        | $\perp$      | ⊥      | _      | 4       |        |          |      | L        | 8   | 9        |
| 1 |      | 13/      | 4          | 1         | 11   | ╀                  | Ļ        | 1            | 1      | 4      | 4       |        |          |      | _        | 8   | 1        |
| ١ |      | 35       |            | 4         | 4  | +                  | ╀        | 4-           | +      | +      | 4       | _      | Н        | 1    | ⊢        | 8:  | 2        |
| ļ | _    | 133      | <i>u</i> . | #         | ₩  | +                  | ╀        | +            | +-     | +      | +       |        | $\vdash$ |      | ┞        | (£  | 3<br>1   |
| ł |      | 34<br>34 |            | ₩-        | ++   | ╁                  | ╁        | +            | +      | ╁      | +       | -      | H        |      | ⊢        | वि  | <u>2</u> |
| ı | -    | 褑        | 1          | ₩-        | ╂  | +                  | ┿        | ╁            | +      | +      | +       | _      | H        |      | ┝        | a   | 6        |
| 1 |      | 2        | ¥,         | ₩         | ╫  | +                  | ╁        | 十            | +      | $^{+}$ | ┪       | _      | Н        |      | Н        | 4   | 7        |
| ١ | _    | 1        | Ы          | +         | #  | 7                  | 十        | $\dagger$    | +      | †      | ┪       |        | Г        |      | r        | 丰   | 8        |
| 1 | -    | 39       | ,          | 11        | 11   | ħ                  | T        | 十            | +      | 7      | 7       |        |          |      |          | 18  | 9        |
|   |      | 40       | 7          | П         | 11   | 71                 | T        | T            |        |        |         |        |          |      | C        | 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9                           | 0        |
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|   |      | 42       | 1          |           |  | IJ                 | 4        | Ι            | I      | $\Box$ |         |        |          | l    | C        | þ   | 2        |
|   |      | 14       | 3          |           | $\prod$  | Ţ                  | $\top$   | T            | I      | $\Box$ | ⅃       |        |          |      | L        | þ   | 3        |
|   |      | 14       | 1          | $\coprod$ | П  |                    | L        |              |        | 1      | _[      | _      |          | 1    | L        | 9   | 4        |
| j |      | 4        | Ľ          | Щ         | Д  | Ĺ                  | 1        | 4            | 4      | 4      | _       |        | <u> </u> |      | L        | 19  | 5        |
|   | L    |          | 3          | Щ         | 4  | $oldsymbol{\perp}$ | 4        | $\downarrow$ | 4      | 4      | _       |        | ⊢        | l    | H        | 9   | 6        |
|   | L    | 4        | <u> </u>   | _         | +  | ₩.                 | ╀        | 4            | 4      | 4      | 4       | _      | ⊢        | ł    | H        | 9   | 7        |
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| Cla      | im               |          |              |          |    |                 | Da        | te           |          |              |          | _                       |
|----------|------------------|----------|--------------|----------|----|-----------------|-----------|--------------|----------|--------------|----------|-------------------------|
|          |                  | 24       | 3            | V        | ī  | 1<br>2,3<br>0,2 |           |              |          |              |          |                         |
| Final    | E (F) C Original | Œ        | 3/40!        | U        | 1  |                 |           | İ            | 1        |              | ll       | . 1                     |
| E        | 13               | Ľ        |              |          |    |                 | _         | ┝            | ┢        | ┝╌           | H        | $\dashv$                |
| ⊢        | <b>T</b>         | +        | 1            | ļ        | 4  |                 | _         | <b>├</b> -   | ⊢        |              | Н        | Н                       |
| ⊢        | 1                | 1        | Н            | H        | 4  |                 | ۴.        | ⊢            | ┾        | $\vdash$     | Н        | -                       |
| $\vdash$ | 33               | 14       | Н            | #        | 4  | _               | _         | ⊢            | ╄        | ┡            | Н        | Н                       |
| ⊢        | 54<br>55         | H        | ₩            | ₩        | 4  |                 | H         | ╀            | ╁        | ⊢            | Н        | $\dashv$                |
| -        | 100              | ╀        | ₩            | ₩        | 4  |                 | ⊢         | ⊢            | +-       | $\vdash$     | ╌        | Н                       |
| _        | 100              | ₩        | ₩            | H        | Н  |                 | -         | ╁            | ╁        | <del> </del> | H        | ᅥ                       |
| $\vdash$ | 獣                | 11       | ₩            | +-       | Н  |                 | ┝         | ╁            | +        | ╁─           | $\vdash$ | Н                       |
| $\vdash$ | 126              | Н        | ╫            | +-       | Н  | _               | ╁         | ╁            | +        | ╁┈           | H        | $\vdash \vdash$         |
| $\vdash$ | 58<br>59<br>60   | 11       | ╫            | ╁        | H  |                 | ┢╌        | 十            | $\vdash$ | 1-           | Н        | Н                       |
| -        | 167              | 11       | ╫╴           | +        | Н  |                 | t         | t            | +-       | t            | Н        | Н                       |
| $\vdash$ | 62               | オ╌┼      | 11           | +        | Н  |                 | H         | ╁            | +        | -            | T        | H                       |
| -        | 62               | 11       | ╫            | +        | Н  | _               | H         | +            | +-       |              | 1        | Н                       |
|          | 64               | H        | Ħ            | +        | Н  | _               | Τ         | T            | 十        | T            | T        | П                       |
|          | 64<br>65         | 11       | ††           | Ť        | П  | _               | Г         | +            | $\top$   | Т            | $\vdash$ | П                       |
| -        | 66               | П        | Ħ            | +        | Н  | _               | Τ         | T            | 1        | T            | T        | П                       |
|          | す                |          | П            | T        | Γ  | П               | Τ         | Τ            | Τ        |              | П        |                         |
|          | 俥                | ЯT       | 13           | T        | Г  |                 | Ι.        | I            | Τ        | Ι            |          |                         |
| Г        | <b>d</b> 9       | П        | Ī            | 71       |    | Г               | Γ         |              | Τ        |              |          |                         |
|          | 140              |          | A            | / [      | 'n | Г               |           | 1            |          | T            | 1        |                         |
|          | 8 8 8 8 8 8      | <u>o</u> | IT           | T        | 1  |                 |           | Τ            |          |              |          |                         |
|          | 14               | :[       | П            | Т        | Ţ  |                 | Γ         | Ţ            |          |              |          |                         |
|          | 10               | 3        | $\Pi$        | T        | Ţ  |                 |           |              |          | L            | <u>L</u> |                         |
|          | 7.7              | \$       | $\mathbb{L}$ | Ι        | Ι  |                 | L         | Ι.           |          |              | L        | $oxed{oxed}$            |
|          | 14               | <u> </u> |              |          | L  |                 |           | L            | ┸        | ┸            | $\perp$  | L                       |
|          | 7                | 圵        |              | Ц        | L  | L               | Ļ         | 1            | ┸        | ┸            | ┸        | <u> </u>                |
| L        | 14               | 4        |              |          | Ļ  | L               | ┶         | 4            | 4        | 4            | 4-       | 1                       |
| L        | 7                | 3        | 1            |          | ĥ  | ١.              | ╀         | +            | 4        | $\bot$       | ┿        | ╄                       |
| L        | 7                | 1        | ₩.           | 4        | J  | ļκ              | ╀         | $\bot$       | $\bot$   | -            | +        | ╄                       |
| <u> </u> | 8                | 7        | ₩            | #        | +  | Н               | ╀         | +            | 4-       |              | ┿        | ╁┈                      |
| -        |                  |          | ╬            | #        | 4  | H               | ╀         | +            |          | ╁            | ┿        | ╫                       |
| ┺        | 8:               |          | ╫            | ╫        | +  | Н               | ,         | +            | +        | ╁╌           | ╁        | +                       |
| ⊣        | 10.              | <u>.</u> | ╫            | ╫        | 4  | +5              | 4         | +            |          | +            | ╫        | ╁                       |
| $\vdash$ | 18               | <u>-</u> | ₩            | ╫        | ┥  | -               | +         | +            | +        | +            | +        | +                       |
| -        | 8                | 6        | ╫            | Н        | ۲  | +               | +         | +            | +        | +-           | +        | +                       |
| $\vdash$ | 4                | 7        | +            | H        | 1  | ✝               | +         | +            | $\top$   | +            | ╅        | +                       |
| $\vdash$ | Т.               | ō١       | ╫            | H        | 7  | t               | +         | $\dagger$    | +        | Ť            | $\top$   | 十                       |
| $\vdash$ | 9 9              | 9        | #            | Н        | 7  | †               | $\dagger$ | $^{\dagger}$ | 1        | T            | 1        | $\top$                  |
|          | 1                | 0        | 1            | П        | 7  | T               | $\top$    | 1            | $\top$   | Τ            | 1        | 1                       |
| H        | #                | ᡮ        | Ħ            | $\sqcap$ | †  | 1               | +         | $\dagger$    | 十        | T            | 1        | $\top$                  |
| $\vdash$ | 16               | 2        | Ш            | ,        | 1, | T               | +         | $\dagger$    | 十        | Τ            | 1        | 1                       |
| $\vdash$ | #                | 3 3      | -            | 7        | 4  | 1               | 1         | +            | 十        | 1            | T        | T                       |
|          |                  | 4        | 1            | ٦        | _  | 1               | †         | +            | 十        | 1            | 1        | T                       |
| $\vdash$ | 9                | 5        | 7            | 7        | _  | 1               | T         | T            |          | İ            | T        |                         |
| Г        |                  | 6        | 7            | ┪        | _  | T               | T         | I            | Ī        | I            | 1        | I                       |
| Г        | 9                | 7        | $\top$       | ╗        |    | Τ               | _         |              | $\perp$  | J            | I        | $oldsymbol{\mathbb{I}}$ |
|          |                  | 8        | ╧            |          | _  | Τ               | Ι         | T            | $\perp$  | Ι            | I        |                         |
|          |                  | 9        | I            |          |    | Γ               | I         | Ţ            |          | I            | I        | L                       |
|          | 10               | 20       | $\perp$      |          |    | Ĺ               |           | _1           | _لــ     | $\perp$      |          |                         |

| •••••    | ••••       | -        | Jec     |              |          |   |    |        |   |        |   |    |         |   | • | _ |
|----------|------------|----------|---------|--------------|----------|---|----|--------|---|--------|---|----|---------|---|---|---|
| Cla      | im         |          |         |              |          |   | Da | te     |   |        |   |    |         |   |   | _ |
| Final    | Original   |          |         |              |          |   |    |        |   |        |   |    |         |   |   |   |
|          | 101        |          |         |              | I        |   |    | Ι      |   |        |   |    |         |   |   |   |
|          | 102        |          |         | L            | Ι        |   |    | I      |   |        | 1 |    |         | L |   |   |
|          | 103        |          |         | L            | 1        |   |    | ļ      |   | L      | 1 | _  |         | L | _ |   |
|          | 104        |          |         | <del> </del> | 4        | _ | L  | +      |   | L      | 4 | _  | _       | ╀ | 4 |   |
|          | 105        | _        | L       | ┡            | +        | _ | L  | +      |   | L      | 4 |    | L       | ╀ | 4 | ı |
|          | 106<br>107 |          | _       | ┝            | +        | _ | ⊢  | +      |   | ┞      | + | _  | ┝       | ╁ | _ |   |
|          | 108        | -        | ┝       | ╀            | +        |   | ⊢  | $^{+}$ |   | H      | + |    | ┝       | + | - | l |
| _        | 109        | -        | ┢       | t            | +        |   | -  | †      |   | t      | + | _  | ╁       | t | _ | ١ |
|          | 110        | Ε.       | 1       | t            | †        | _ | T  | †      |   | t      | ┪ | _  | t       | † | _ | ١ |
|          | 111        | Г        | Г       | T            | 7        |   | Τ  | 1      |   | T      | ╗ |    |         | 1 |   | 1 |
|          | 112        |          |         |              |          |   |    |        |   | Ι      |   |    |         | Ţ |   | ] |
|          | 113        |          |         | I            |          |   | L  |        | _ | Ι      |   |    | L       |   | _ | 1 |
|          | 114        |          | L       | L            | 1        |   | L  | _      |   | 1      |   |    | ╀       | 4 |   | ļ |
|          | 115        |          | -       | 1            | 4        | _ | Ļ  | 4      |   | ļ      | _ | _  | ╀       | 4 | _ | 1 |
|          | 116        |          | Ļ       | 4            | 4        |   | ╀  | 4      | _ | +      | _ | -  | ╀       | 4 | _ | 4 |
|          | 117        |          | ⊢       | ╀            | 4        | _ | ╀  | 4      |   | +      | - | H  | ╀       | 4 |   | ł |
| <u> </u> | 118        |          | ╀╌      | +            | ┥        |   | ╁  | 4      |   | ╁      | _ | -  | ╁       | ┥ | _ | ┪ |
| ⊢        | 120        | -        | ╁       | ╁            | $\dashv$ |   | ╁  | 4      | _ | $^{+}$ | _ | -  | ╁       | - | Н | ┨ |
| -        |            |          | ╁       | ╀            | 4        |   | ╀  | _      | - | ╁      | - | ⊢  | ╁       | 4 | _ | ┨ |
| ├        | 121        |          | ╁       | ╁            | ┥        | _ | ╁  | _      | ┝ | +      | _ | H  | +       |   | ┝ | 1 |
| H        | 12         |          | ╁       | ╁            | _        |   | +  | _      | Н | †      |   | ┢  | +       |   | Т | ٦ |
| -        | 124        |          | t       | +            | -        | _ | t  |        |   | t      |   | T  | †       | _ | Г | 1 |
| Г        | 125        |          | T       | †            | _        | Г | T  |        | Г | 1      |   | Γ  | Ţ       |   | Γ | _ |
| Г        | 126        | <u> </u> |         | I            |          |   | Ι  | _      |   | Ī      |   |    | $\perp$ |   |   |   |
|          | 127        |          | Γ       | Ι            |          |   | Ι  | _      |   | _      |   | L  | 1       |   |   |   |
|          | 120        |          | $\perp$ |              | _        | _ | 1  |        | L | 4      |   | L  | 4       | _ | L |   |
| L        | 129        |          | ļ.      | 4            |          | L | 4  |        | L | 4      | _ | ╄  | 4       |   | L | _ |
| L        | 130        | -        | 1       | $\perp$      |          | L | +  |        | L | 4      |   | ╀  | +       | _ | - | _ |
| L        | 13         |          | +-      | +            |          | L | +  |        | ┞ | 4      | _ | ╀  | 4       | _ | ┝ | _ |
| ⊣        | 13         | -        | +-      | ╬            | _        | ⊢ | +  | -      | H | +      |   | ╁╴ | +       |   | ⊢ | - |
| ┝        | 13         |          | +       | +            | -        | ŀ | +  | _      | ┝ | ┪      |   | ╁  | +       | _ | H | - |
| -        | 13         |          | ╁       | +            |          | ┝ | †  | _      | t | ┪      |   | ╁╴ | +       |   | H | 7 |
| H        | 13         |          | +       | +            |          | t | +  |        | T | †      |   | t  | 十       | _ | Γ | _ |
| r        | 13         | 7        | T       | 1            |          | 1 | Ť  | _      | T | 7      |   | T  | T       |   | Γ |   |
|          | 13         | В        |         |              |          |   | I  |        | Γ |        |   | L  | Ι       |   | L |   |
|          | 13         |          | Ι       | $\Box$       |          |   |    | _      | L | _      |   | L  | 1       |   | L |   |
| L        | 14         |          | ┸       | $\perp$      |          | L | 1  |        | L | _      |   | L  | 1       |   | L | _ |
| Е        | 14         |          | Ι       |              |          | L | 1  |        | L | _      |   | L  | 1       |   | L |   |
|          | 14         |          | 1       | 1            |          | Ļ | 4  | _      | L | 4      |   | ╀  | 4       |   | L |   |
| L        | 14         | +        | 1       | 4            |          | Ļ | 4  |        | - | 4      |   | ╀  |         | _ | L | _ |
| L        | 14         |          | +       | 4            |          | H | 4  | _      | Ł | -      | _ | +  | +       |   | ┞ | 4 |
| ┝        | 14         |          | +       | +            | _        | ╀ | +  | _      | ╀ | -      |   | ╀  | +       |   | ⊦ | 4 |
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If more than 150 claims or 10 actions staple additional sheet here

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